U.S. Serial No. 09/537,025 Amendment

AMENDMENTS TO THE CLAIMS

Please rewrite the claims as follows:

Please rewrite the claims as follows:

1. (Currently Amended) A display apparatus for making a plurality of light beams of mutually different colors incident to at least one display element and element, modulating the beams said beams of the respective colors by the at least one driving said at least one display element according to form images an image signal of the respective colors corresponding to said respective colors and forming images of said respective colors,

wherein purity of at least one color out of said colors is varied by moving a filter into or out of an optical path of said at least one color and wherein a control pattern of the image signal of said at least one color for driving said display element is modified according to variation in the purity of the at least one color.

2. (Original) The display apparatus according to Claim 1, wherein when said purity is relatively low, an image of said at least one color is formed by using the light beam of said at least one color and the light beam of the color different from said at least one color.

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- 3. (Original) The display apparatus according to Claim 2, wherein said at least one color is red or green.
- 4. (Original) The display apparatus according to Claim 2, wherein said at least one color is red or green and said color different of said at least one color is blue.

5. (Canceled)

(Previously Presented) The display apparatus according to Claim 1, comprising detection means for detecting a position of said filter, wherein said control pattern is modified, based on a signal from the detection means.

(Previously Presented) The display apparatus according to Claim 1, wherein when said filter is off the optical path, an image of said at least one color is formed by using the light beam of said at least one color and the light beam of the color different from said at least one color.

8. (Original) The display apparatus according to Claim 7, wherein said at least one color is red or green and said color different from said at least one color is blue.

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(Original) The display apparatus according to Claim 1, wherein said control pattern is modified so that a color reproduction range in the case of the purity of said color being relatively low becomes narrower than a color reproduction range in the case of the purity of said color being relatively high.

10. (Canceled)

(Previously Presented) The display apparatus according to Claim 1, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

12. (Previously Presented) The display apparatus according to Claim 2, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

12. (Previously Presented) The display apparatus according to Claim 3, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

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14. (Previously Presented) The display apparatus according to Claim 4, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

15. (Canceled)

16. (Previously Presented) The display apparatus according to Claim 6, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

(Previously Presented) The display apparatus according to Claim, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

(Previously Presented) The display apparatus according to Claim's, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

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(Previously Presented) The display apparatus according to Claim, further comprising a projection optical system for projecting and superimposing said images of respective colors formed by said at least one display element onto a plane.

20. (Canceled)

21. (New) A display apparatus according to Claim 1, wherein said filter is a band cut filter or an edge filter.

22. (New) A display apparatus according to Claim 1, wherein the change of the image signal of said at least one color is performed by adding the attenuated image signal of one color to the image signal of other one color.

23. (New) A display apparatus according to Claim 22, wherein said attenuated image signal of one color is the signal that the red or green image signal is attenuated and said image signal of the other one color is the blue image signal.

24. (New) A display apparatus according to Claim 1, wherein change of the image signal of said at least one color is performed by adding the attenuated differential signal that the differential signal of the image signal of the one color and the image signal of other one color is attenuated to said image signal of other

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one color.

20 A display apparatus according to Claim 24, wherein said attenuated differential signal is the signal that the differential signal of the red or green image signal and the blue image signal is attenuated, and said image signal of other one color is the blue image signal.

AMENDMENTS TO THE DRAWINGS

The attached drawing sheets 22/34, 23/34, and 24/34 include changes to Figures 38-42. These sheets replace original Figures 38-42, original drawing sheets 22/34, 23/34, and 24/34.

Attachment: Replacement Sheets 22/34, 23/34 and 24/34.

